

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	2/16/2023
Change ID:	ECO-01583	System(s):	Hart Verity 2.3 – 2.7
Product:	Brother PJ-723-C149-F thermal printer used within Touch Writer Duo and Touch Writer Duo Standalone devices		

Change Summary Description	
<p>Summary Description: This ECO is created to integrate and track a manufacturer’s revision to the Brother PJ-723 thermal printer, used by Hart within the Verity Touch Writer Duo series devices. The revised thermal printer adds a newer manufacturer’s firmware, and an internal mechanical feature is added that ensures constant firm paper contact with the thermal print head. The revision enhances print speed. The printer is otherwise form, fit, and function compatible to the current PJ-723 thermal printer revision, and is compatible with the Verity Touch Writer Duo software with no changes required.</p> <p>Reason for Change: The changes enhance print speed of Verity Touch Writer Duo series devices.</p> <p>ECO Category: Preferred</p>	
Reference Documents:	
<p>EAC 2005 Voluntary Voting System Guidelines (VVSG) Volume II, Sec. 1 & 4. EAC Voting System Testing and Certification Program Manual Version 3.0, Sec. 3.5.1.</p>	
Documentation used in SLI’s Assessment:	
<p>ECO-01583 Summary - Revise Duo with Updated PJ-723 Thermal Printer 4005818 A00 Supported Documentation:</p> <ul style="list-style-type: none"> ▪ AML ▪ BOMs ▪ QA Report ▪ PJ7-Datasheet-07-20209 ▪ Specifications _ PJ-723 _ United States _ Brother 	
Change Evaluation	Comments
<input type="checkbox"/> The change affects the form, fit or function of the equipment and therefore requires hardware testing to be performed. The testing requirements are defined in the Hardware Test Matrix table below. Any changes made to a system under test will result in the manufacturer supplying a list and detailed description of all changes.	N/A
<input checked="" type="checkbox"/> Minor change order: A minor change order is a change to a certified voting system’s hardware, software, Technical Data Package (TDP), or data, the nature of which will not materially alter the system’s reliability, functionality, capability, or operation.	Requested changes do not materially alter the system’s reliability, functionality, capability, or operation.
<input checked="" type="checkbox"/> System documentation: The manufacturer has provided a description of how this change will impact any relevant	Supported documentation was provide for all equivalent components.



system documentation and has provided the updated documentation, if applicable.	
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Summary Comments

This ECO affects the Verity Touch Writer Duo series devices' Bills of Materials (BOMs) only, resulting in a revision change to the assemblies for tracking purposes. There are no changes to other Verity devices or workstation software. There are no changes to any electrical components on the PJ-723 thermal printer or any changes to clock speeds.

Hart's internal QA testing as detailed in "ECO-01583 QA Test Report performed on the updated PJ-723 thermal printer successfully completed with no failures.

As required under section 3.5.1 of the EAC's Voting System Testing and Certification Program Manual Version 3.0, SLI Compliance considers the nature of ECO-01583 to be minor change and therefore not to affect the Federal certification status for Hart Verity 2.3 – 2.7 Voting Systems.

	Approved by/Title	Signature:	Date:
	Darrick E. Forester Hardware Test Engineer		2/16/2023
	Michael D. Santos Director		2/16/2023

